



## Tracheostomy Tubes

## Stoma Buttons

and the corresponding spare parts

### Cleaning, Care and Disinfection

TRACOE *pure*, TRACOE *vario*, TRACOE *twist* and TRACOE *mini* tracheostomy tubes, TRACOE *larynx* grid buttons and stoma buttons and the corresponding spare parts are always delivered in a sterile condition. The products are sterilised with ethylene oxide (ETO) according to a validated procedure. In the process, a temperature of no higher than 50°C is used and the cuffs of the TRACOE *pure*, TRACOE *twist* and TRACOE *vario* cannulas are deflated during sterilisation because of the vacuum. The sterile products are only delivered after microbiological control and the required degassing time.

Like all other commercially available sterile tracheostomy tubes, these tracheostomy tubes, TRACOE grid buttons and stoma buttons as well as the corresponding spare parts are single use products, i.e. determined for single patient use. We do not recommend renewed sterilisation under any circumstances.

**CAUTION:** If the user or operator carries out renewed sterilisation, responsibility for the quality and sterile nature of products reprocessed in this way lies with the user or operator. In accordance with the law on product liability and the German Civil Code (BGB), the user or operator is solely liable for any consequential damage caused by the reprocessing; see § 4 of the European Medical Devices Directive (MDD).

#### Cleaning

The easiest method of cleaning is to use one of the complete TRACOE tube clean cleaning sets (REF 930-A and -B with cleaning powder or REF 931-A and -B with concentrated cleaning liquid). All sets contain a cleaning box with a mesh basket, cleaning liquid, cleaning swab and cleaning brush. TRACOE tube clean cleaning powder (REF 932) and the highly effective TRACOE tube clean concentrated cleaning liquid (REF 933) have been especially tested by us; REF 933 kills off aerobic and anaerobic germs almost completely.

Together with the mesh basket, the cannulas are submerged into the cleaning solution in the box. The gentlest way to remove possible secretion deposits in the cannulas is with the small or large TRACOE tube clean cleaning swabs (REF 935 and 936). The cleaning swabs consist of a flexible plastic stick with a lint-free polyurethane sponge attached to its end, which prevents fluff from entering the cannula and the trachea. For impurities that are particularly difficult to remove, a curved cleaning brush with soft bristles should be used (TRACOE tube clean cleaning brushes, REF 938-941). Never use brushes with a sharp-edged end because these may scratch the soft material of the cannulas.

It may be necessary to clean TRACOE tracheostomy tubes several times a day and then to rinse them thoroughly with water and dry them. The same applies to TRACOE grid buttons and stoma buttons.

Cuffed TRACOE tubes can be cleaned with the same tested cleaning agents; take particular care not to damage the cuff. Afterwards, the cannulas must be rinsed with distilled water and dried. Always test cuffed cannulas for leakage before replacing them.

For further details, please see the instructions for use for TRACOE tube clean cleaning sets.

**CAUTION:** The cannulas must not be cleaned with acidic or alkaline solutions, neither with household detergents or denture cleaning agents because these may damage the material and impair the proper use of the products.

#### Disinfection

Because the upper respiratory tract is never without germs – even in healthy individuals – we do not recommend the use of disinfectants. If, however, disinfection appears necessary, this can be done after the above mentioned cleaning process by placing the cannulas in the following disinfectant specifically tested by TRACOE medical GmbH: TRACOE sept (REF 929)

TRACOE sept is a highly effective disinfectant concentrate which was tested by TRACOE medical GmbH for the disinfection and cleansing of TRACOE tracheostomy tubes, grid and stoma buttons, for instruments made of metal, plastic, rubber, glass and porcelain, as well as for thermo labile accessories in the hospital, laboratory and medical practice.

Effective spectrum: bactericidal, tuberculocidal, sporicidal, fungicidal, virucidal incl. HBV and HIV\*)

\*) Effectiveness against HBV implies effectiveness against HIV

This disinfectant is easy to use by water dilution. The ready-to-use solution will be stable for up to seven days. TRACOE sept is hence the ideal solution for hospital use as well as for outpatient and homecare use. TRACOE sept is our response to your enquiries to complement our cleaning range with a disinfectant.

Take particular care not to damage the cuff when disinfecting cuffed TRACOE tubes. After disinfection, rinse the cannulas extremely thoroughly in distilled water, dry them and check for leakage.

**CAUTION:** Do not under any circumstances use disinfectants that release chlorine or substances that contain strong alkaline solutions or phenol derivatives. Equally, the products must not be heated over 60°C or boiled.